Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 28 Jun 2022 until 23:59 on Wednesday 29 Jun 2022

Forecast Issued on Tuesday 28 Jun 2022 at 00:28

Confidence: High for the dry start, and for rain overnight Tuesday into Wednesday, although lower for the exact timing and extent of rainfall. Also for a period of sunshine and heavy showers Wednesday and Thursday, but low with extent of any thunderstorms. Good confidence also for drier, but also slightly cooler into July, although this confidence falls through the weekend.

Headline for Tuesday 28 Jun 2022: Fine start with some sunny spells. Cloud thickens with outbreaks of rain spreading east later.

Mountain weather hazards on Tuesday 28 Jun 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Cloudy	Cloudy	Light rain	Light rain
Precipitation probability					
<05%	<05%	10%	40%	60%	80%

Forecast for Tuesday 28 Jun 2022

Weather: A fine start for most, with sunny spells, although western parts cloudier. Staying dry through the morning and early afternoon, with some warm sunshine, especially in the east. However cloud will gradually thicken, with outbreaks of rain spreading east later. Eastern routes are likely to remain dry until at least after dark.

Chance of cloud-free hill tops above 600m: 95% through the day, falling to 80% in the west during the evening and 60% by midnight.

Low cloud and visibility: Cloud above summits for much of the day, however rain during the evening could bring some ragged patches of cloud at around the same height as the higher routes, above 600m. Good visibility for much of the day, but falling to moderate during rain. More persistent cloud at 600m likely by midnight.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 28 Jun 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/27 S	24/32 S	22/31 S	21/31 S	21/30 S	23/33 S	19/28 S
300	17/22 S	18/27 S	19/29 S	19/29 S	17/26 S	17/26 S	15/23 S
Valley	10/21 S	14/27 S	14/28 S	13/28 S	12/26 S	12/26 S	10/23 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	11/7	13/9	14/10	13/9	10/7	10/6
300	11/8	13/10	16/12	16/12	15/12	13/10	12/10
Valley	12/10	14/12	16/14	17/14	16/13	14/11	13/11
Freezing Level*	2700m	2400m	2600m	2800m	2700m	2700m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mostly excellent conditions, though despite thickening cloud the Sun will be strong during any cloud-breaks, leading to a Moderate risk of sunburn unless adequately protected. Waterproofs also essential, with rain possible during the evening

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 28 Jun 2022	7.8mm	7.8mm	10.8mm

Forecast for Wednesday 29 Jun 2022

Weather: Rain clearing through the early morning, with winds also easing. A fine start, with sunny spells likely, however showers will soon develop quite widely. These heavy, with a hail and thunderstorm risk during the afternoon. Rather warm away from the showers with sunny spells and variable cloud.

Maximum wind: Southeasterly 5-15mph, chance of gusts 30-40mph during heavy showers.

Chance of cloud-free hill tops above 600m: 70% at first, rising to 90%

Low cloud and visibility: Any early cloud at 600m lifting off the tops. Cloud then staying above the summits for much of the day, however further brief cloud could reform on the highest summits during any heavy showers. Very good visibility from most tops, but falling to moderate to poor in rain, and very poor in any hail.

Temperature: **Valleys:** Plus 10 Celsius becoming Plus 20 Celsius
At 600m: Plus 9 Celsius becoming Plus 14 Celsius
Freezing level: Above the summits.

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